

FIG. 4

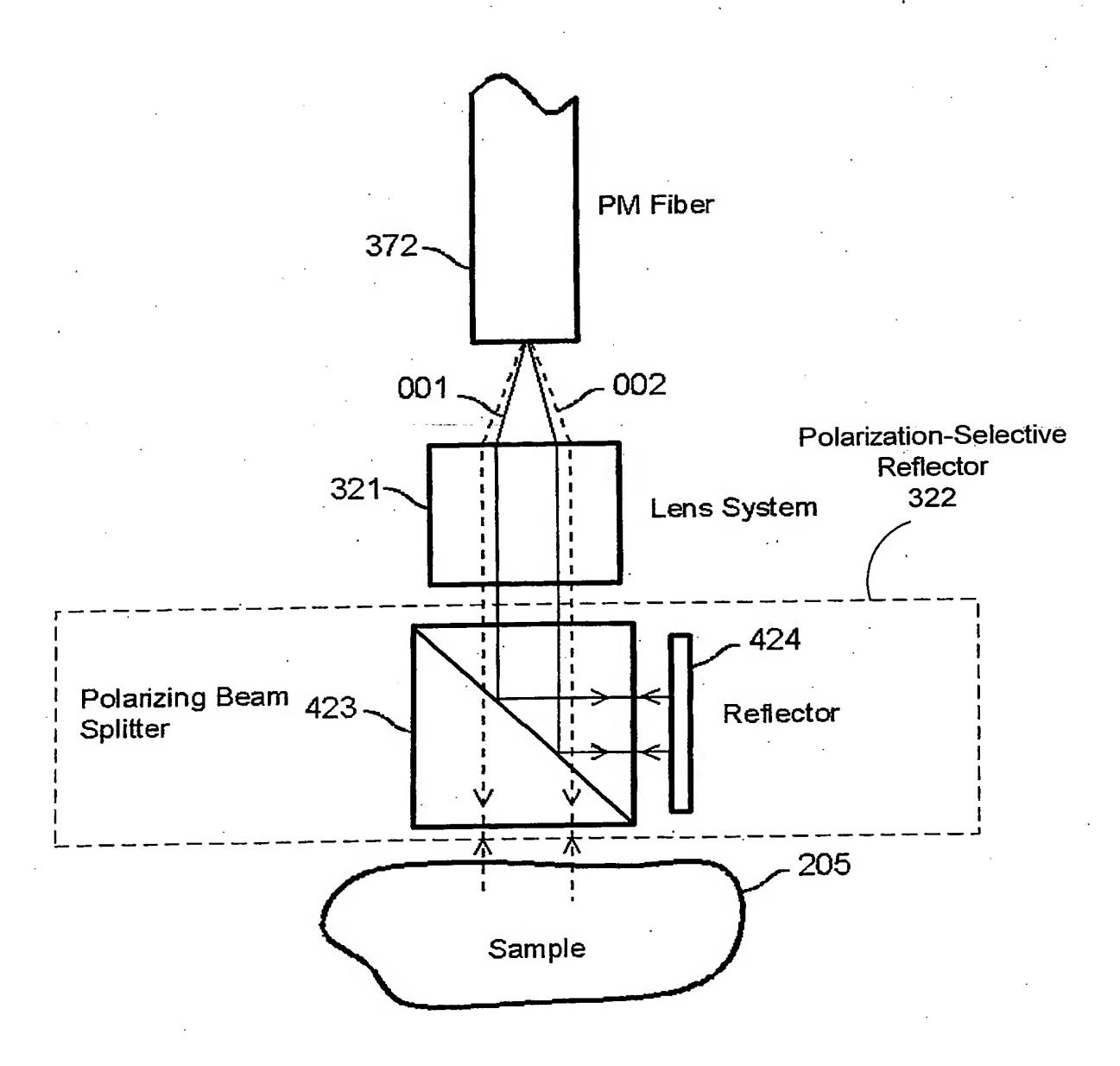


FIG. 5A

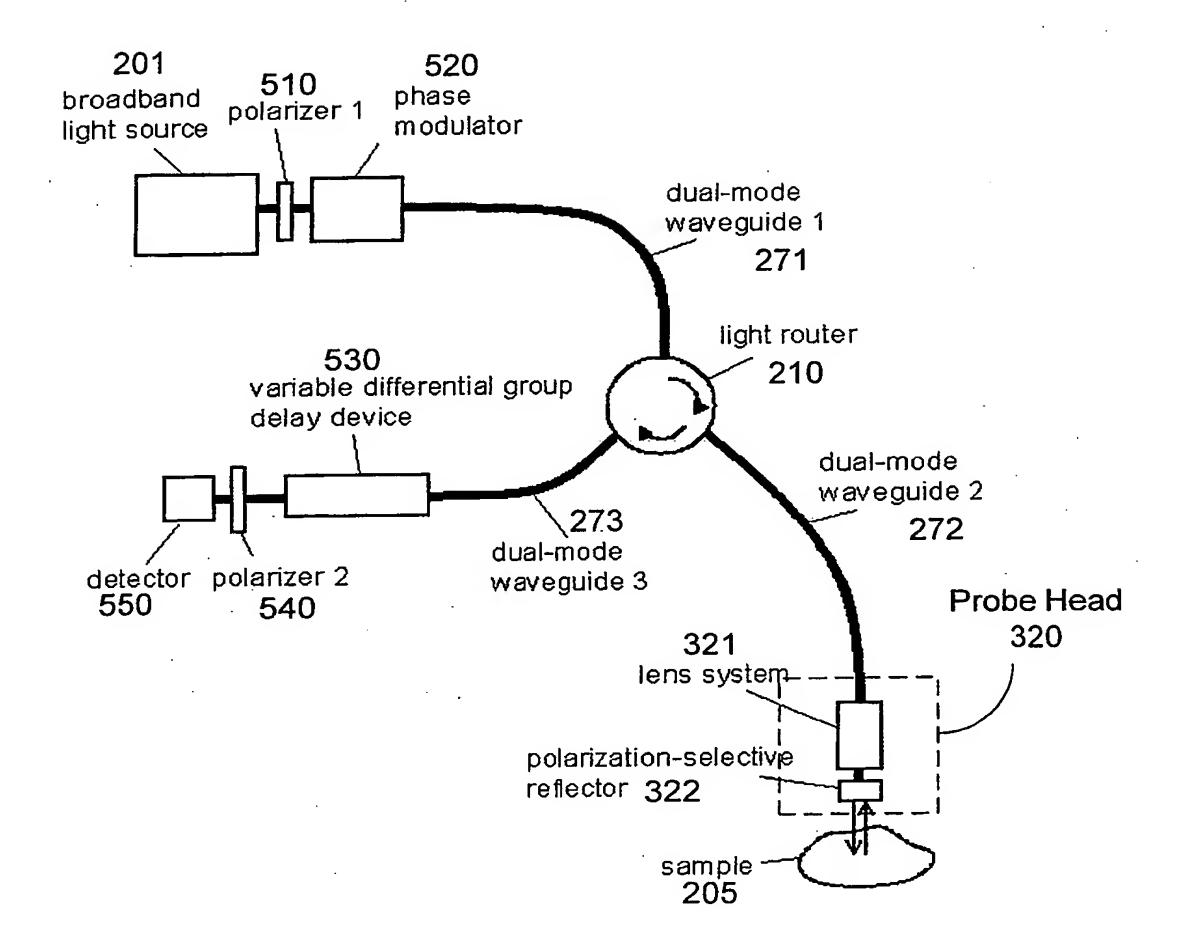


FIG. 5B

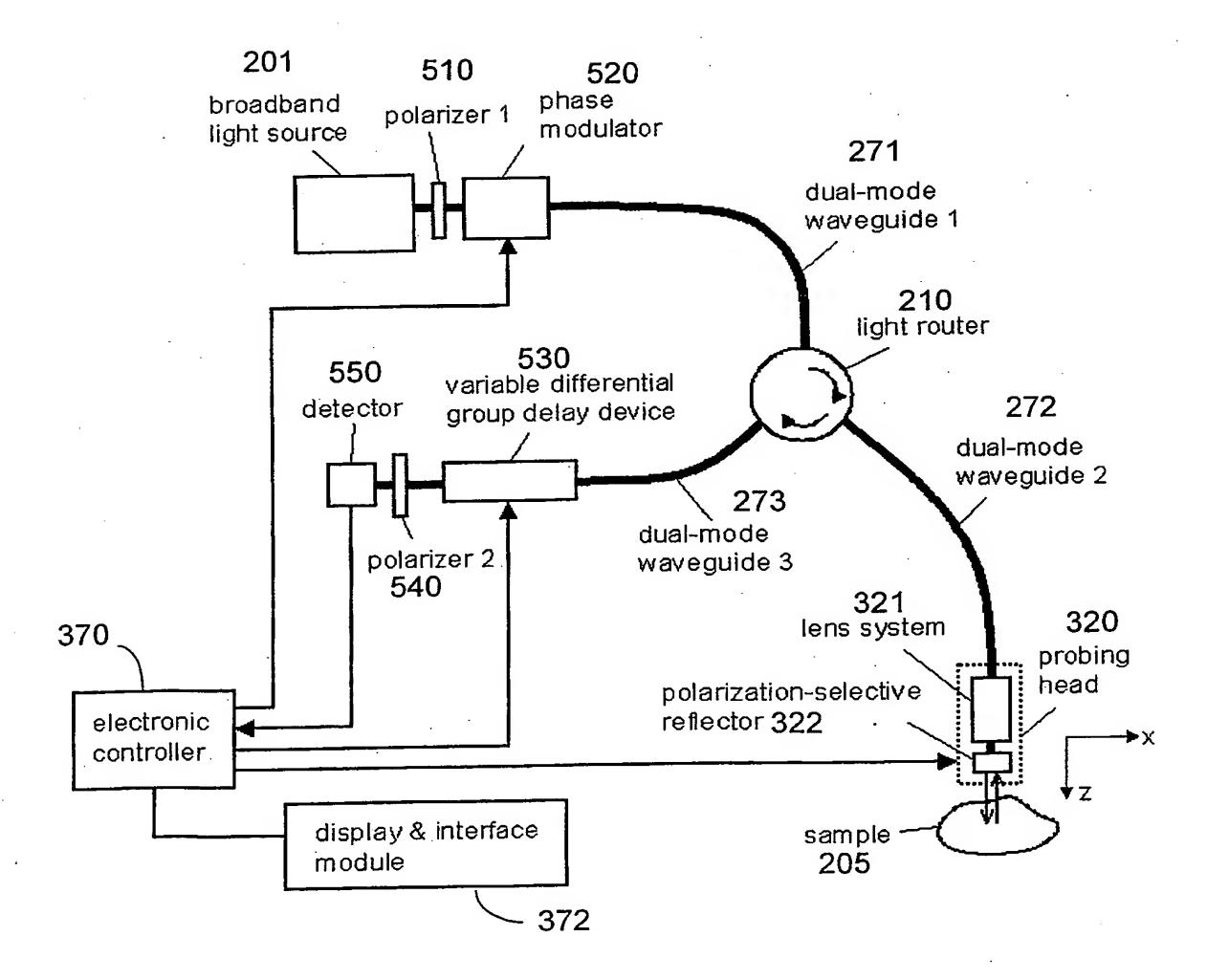
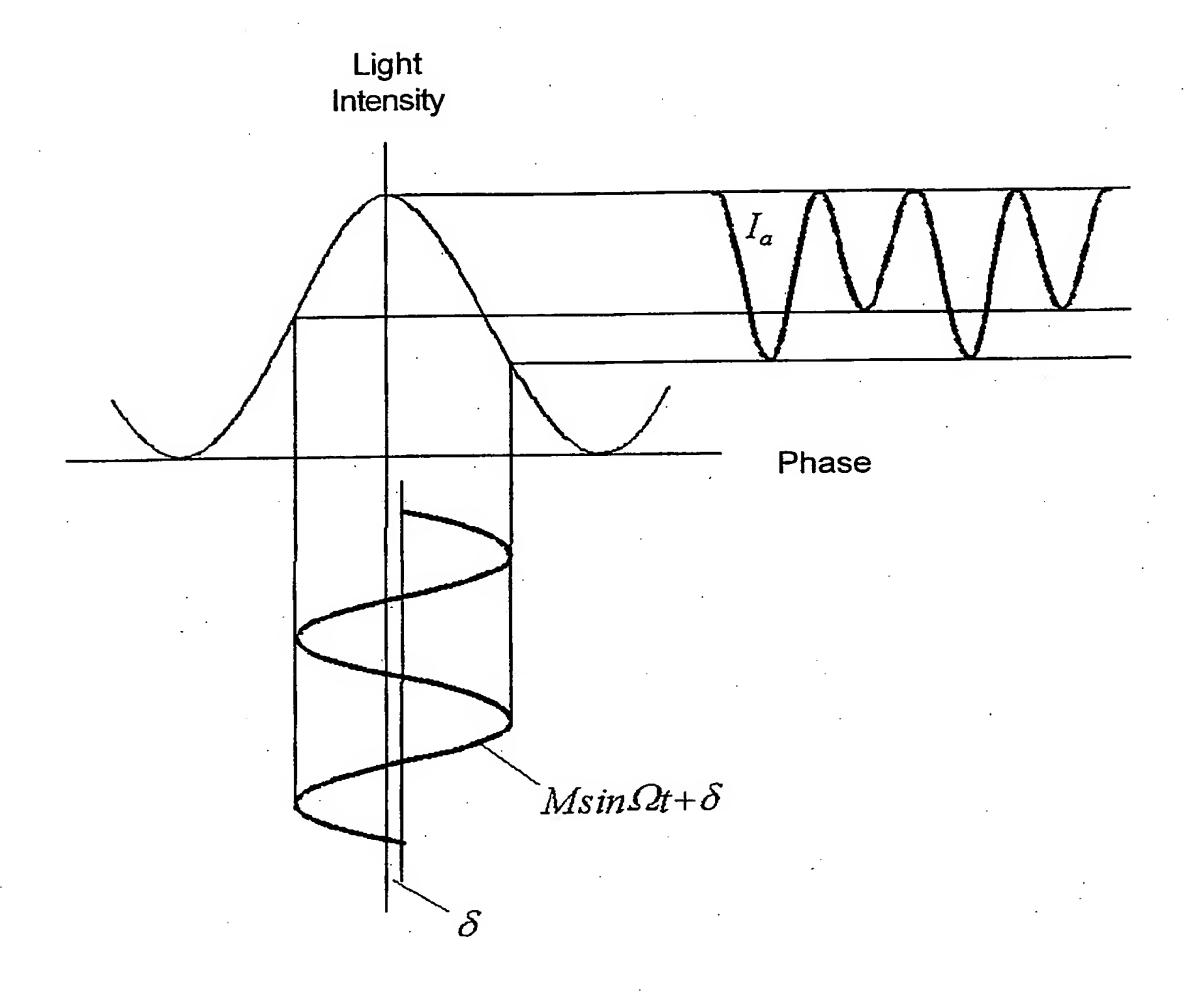


FIG. 6



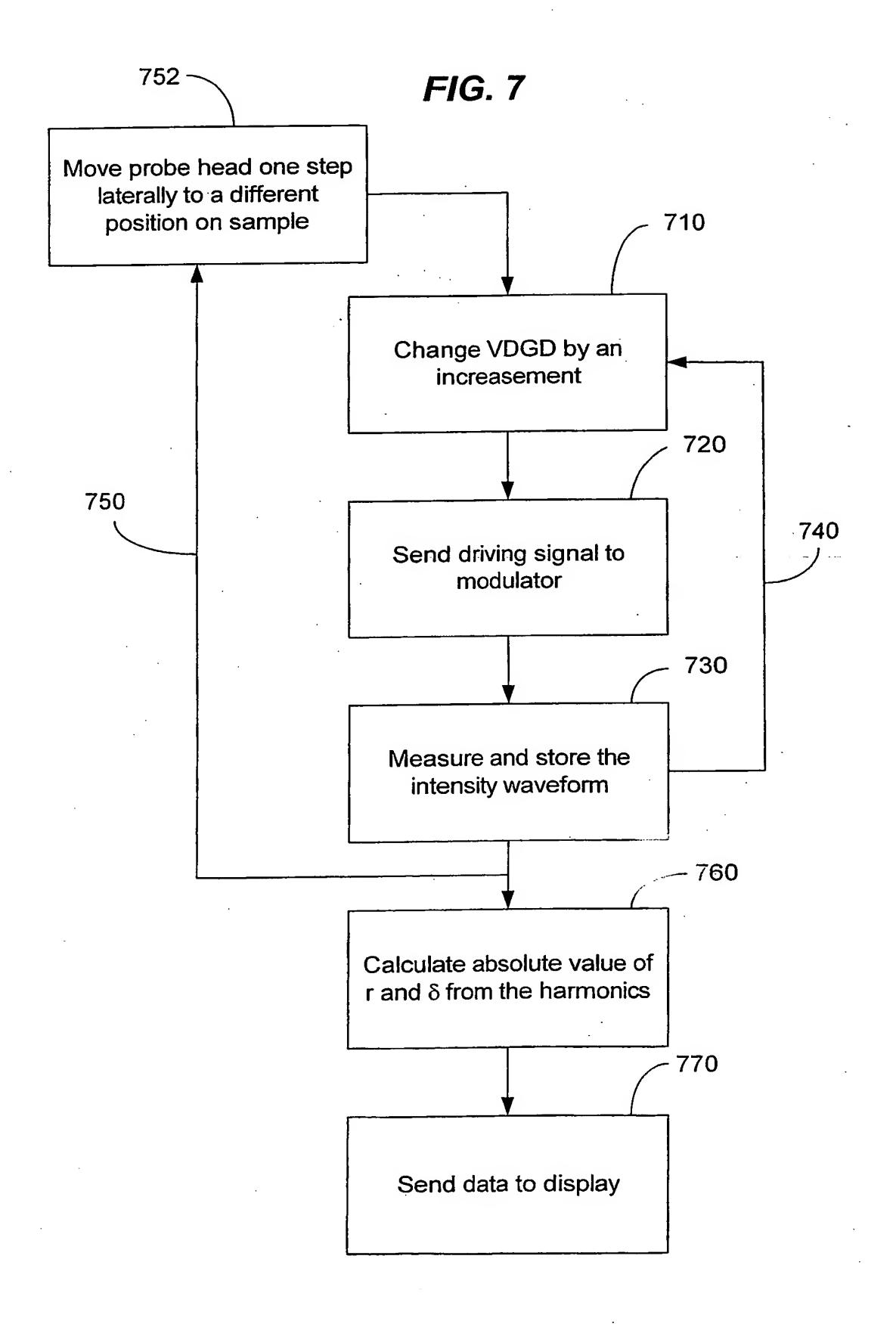


FIG. 8A

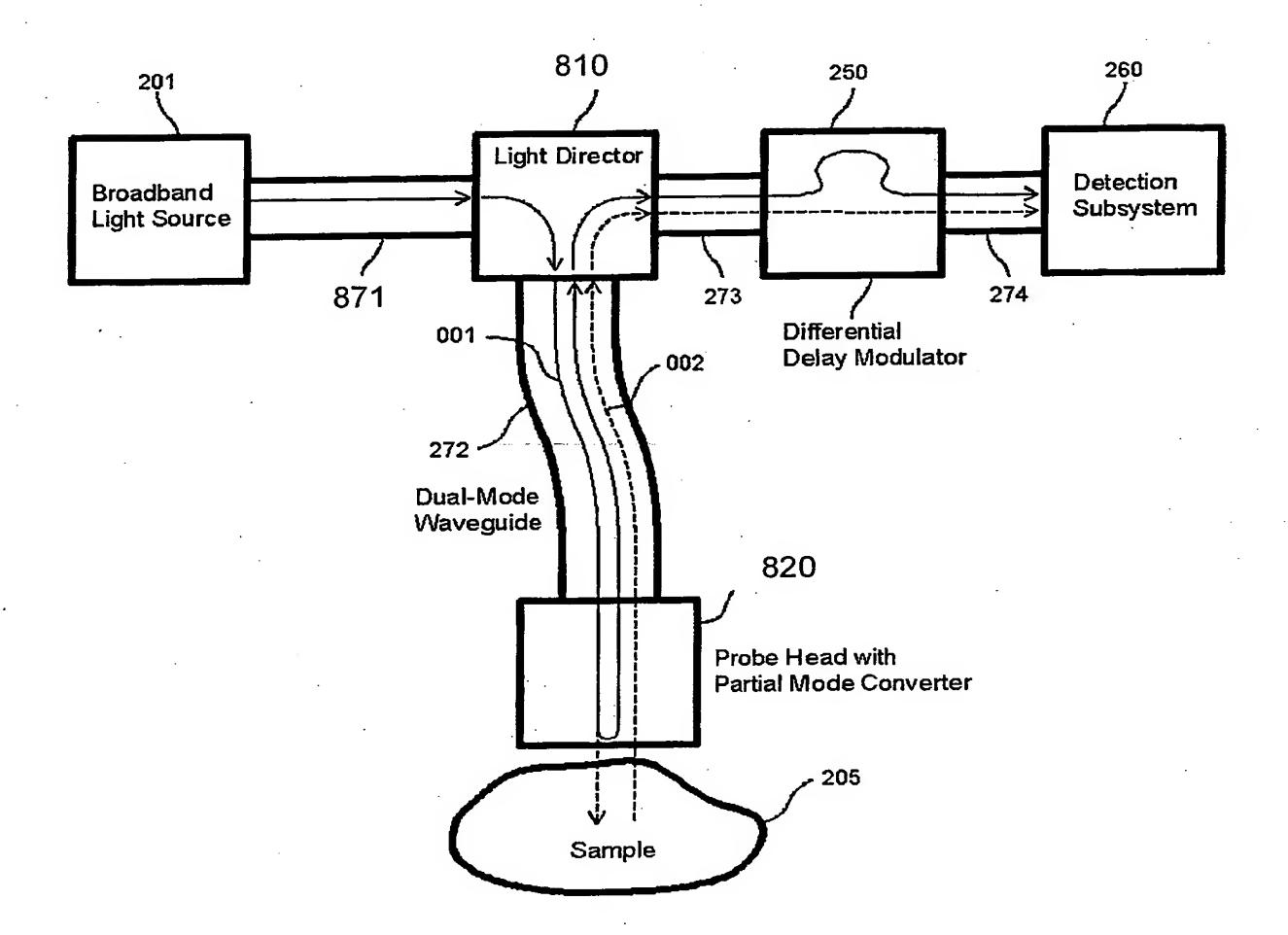


FIG. 8B

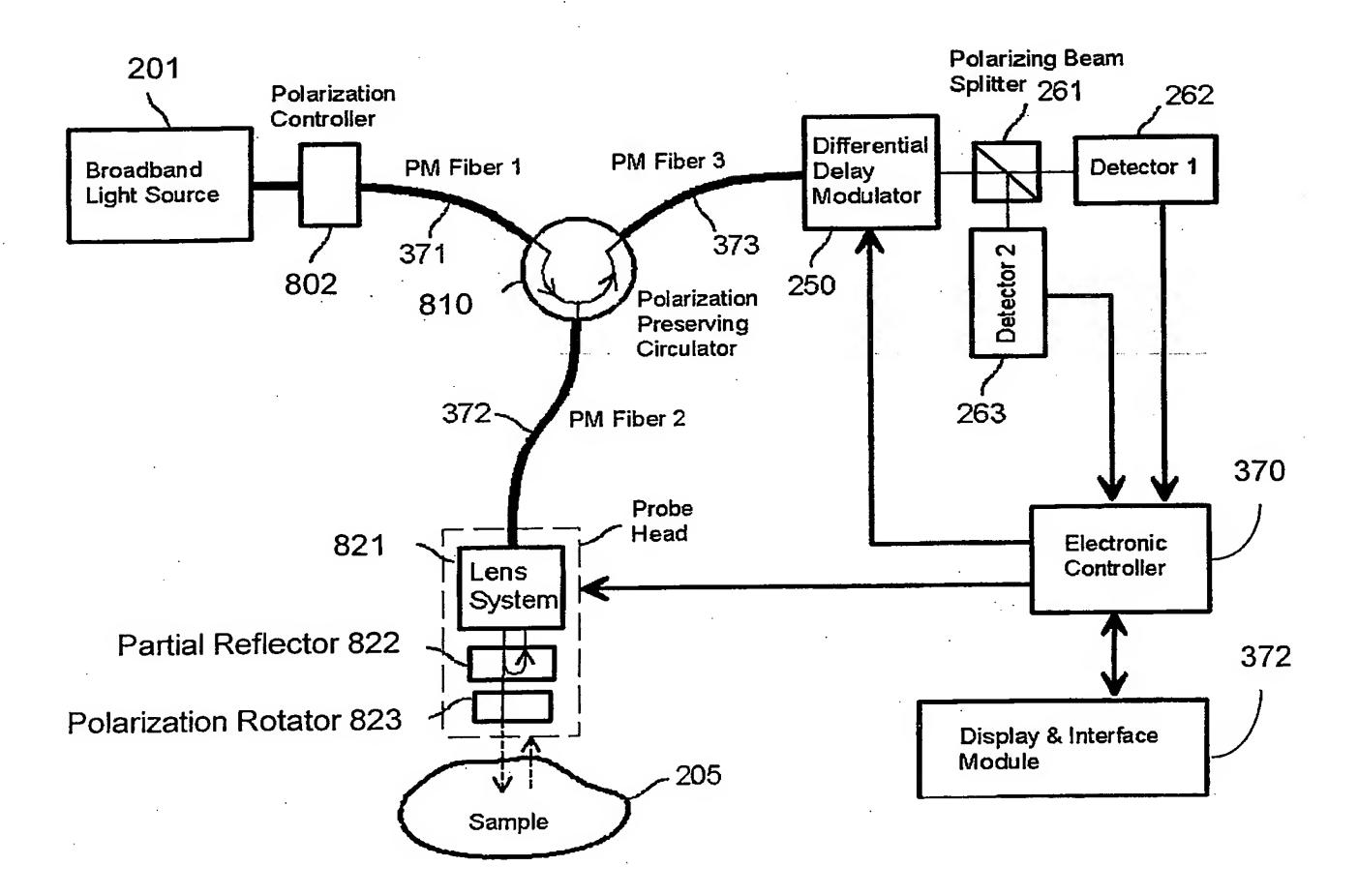


FIG. 9

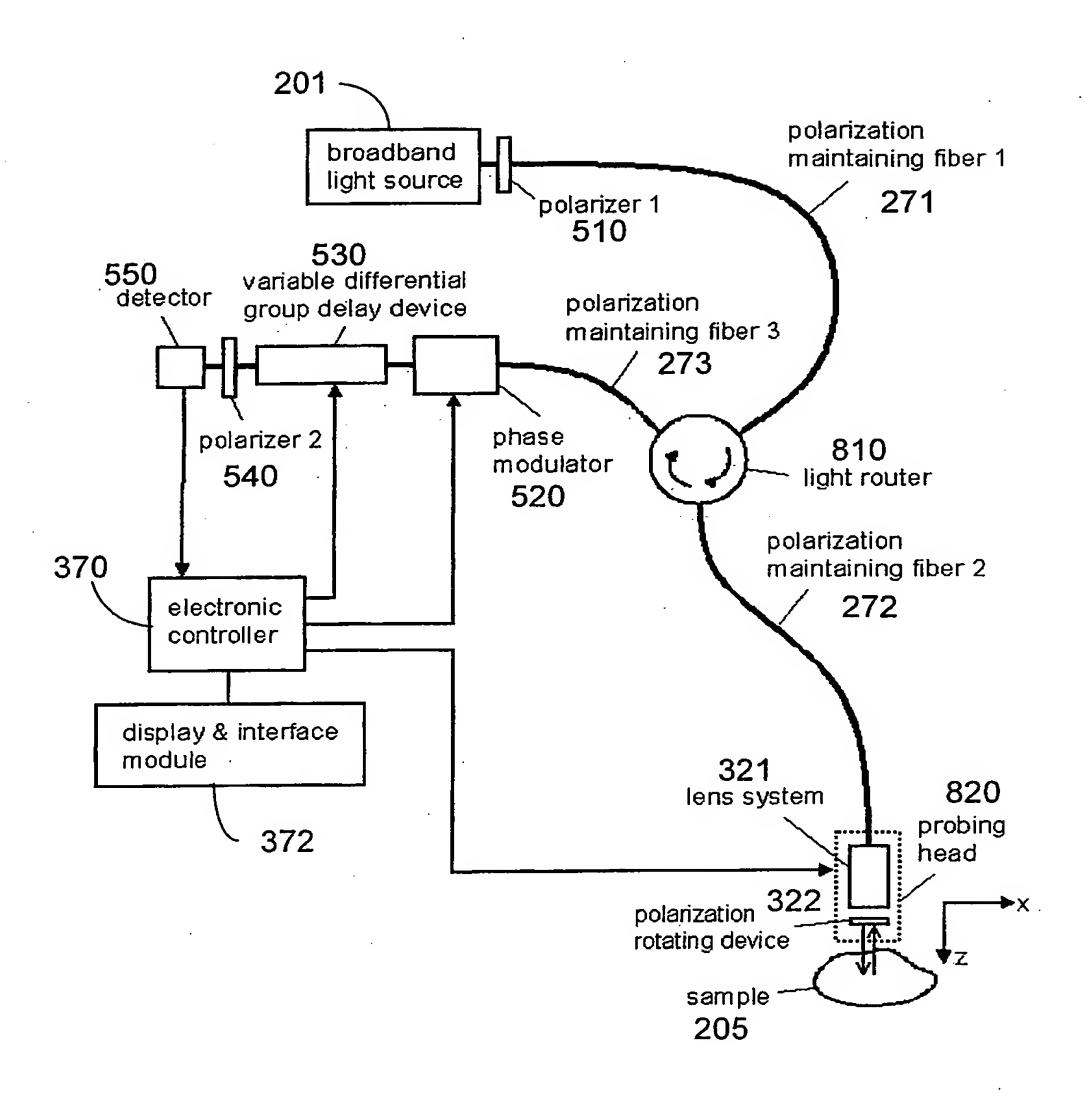


FIG. 10A

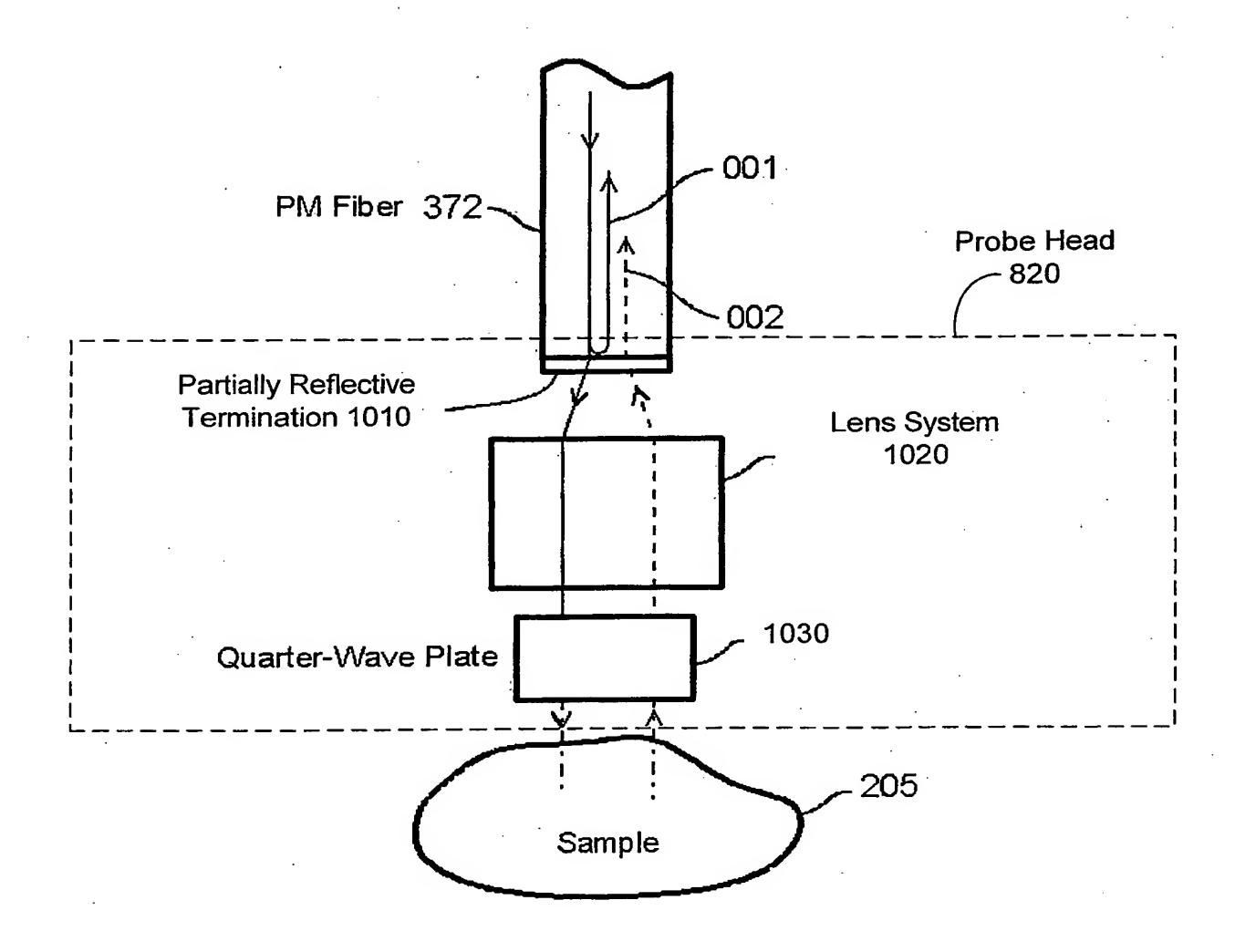


FIG. 10B

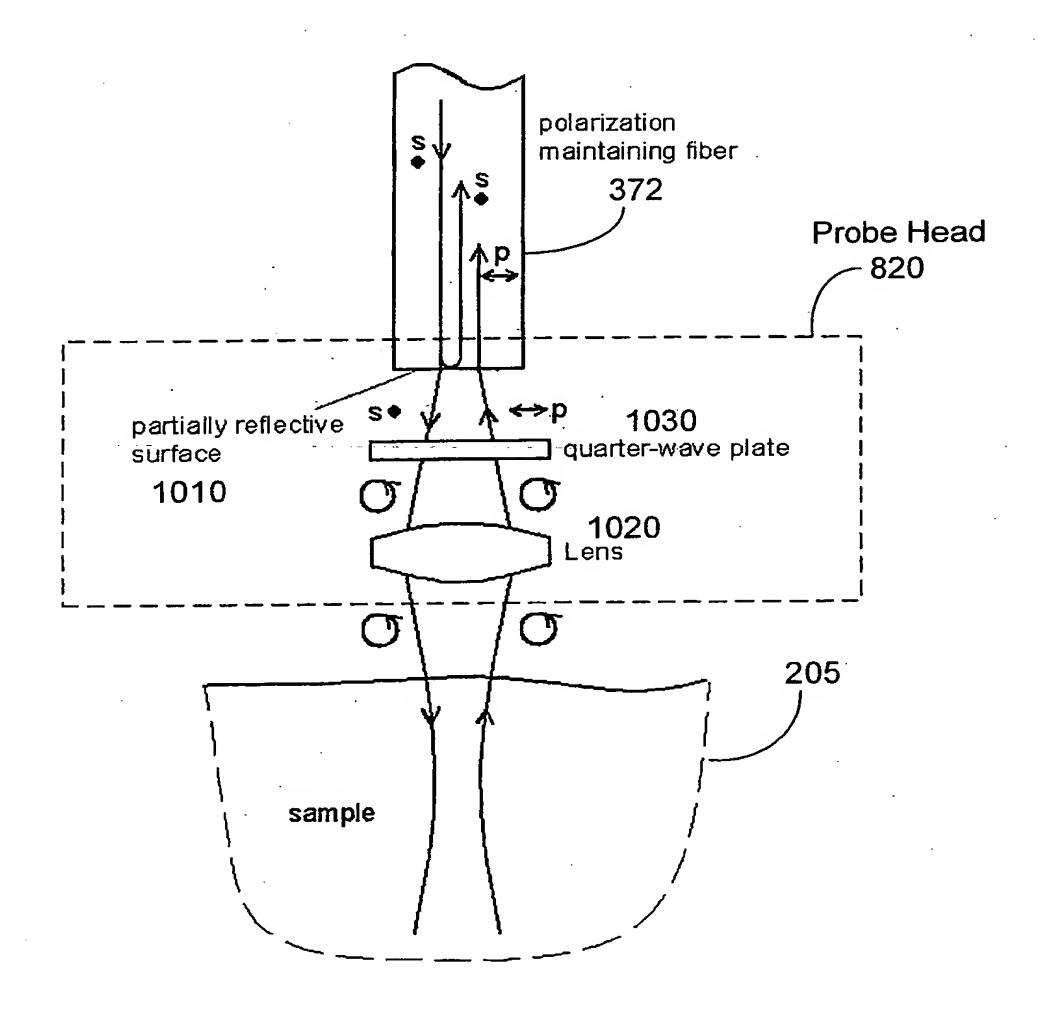
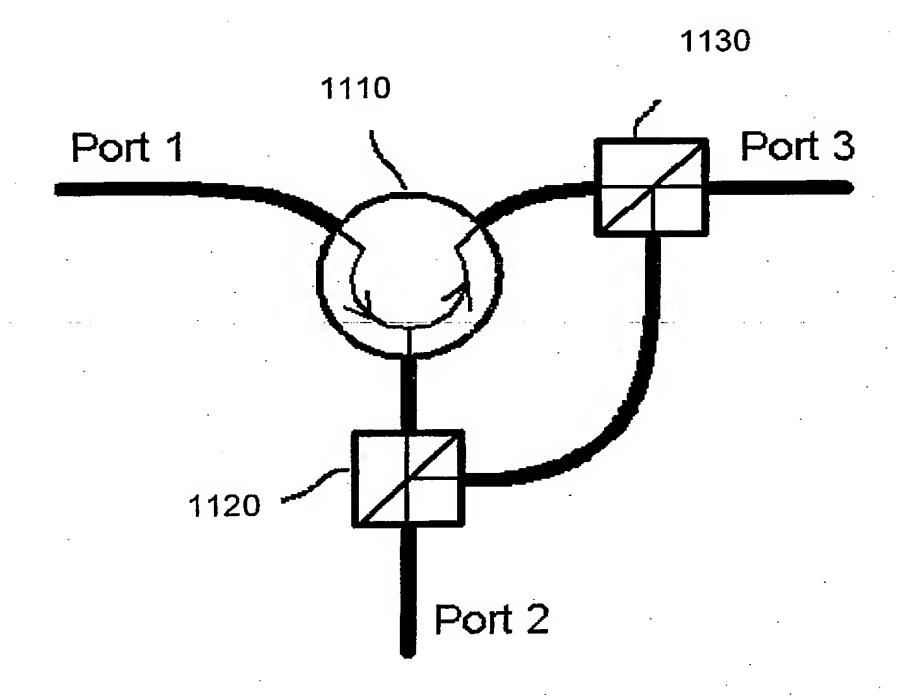


FIG. 11



Two Independent Modes

Differential Delay

Two Independent Modes

Control Signal

FIG. 12A

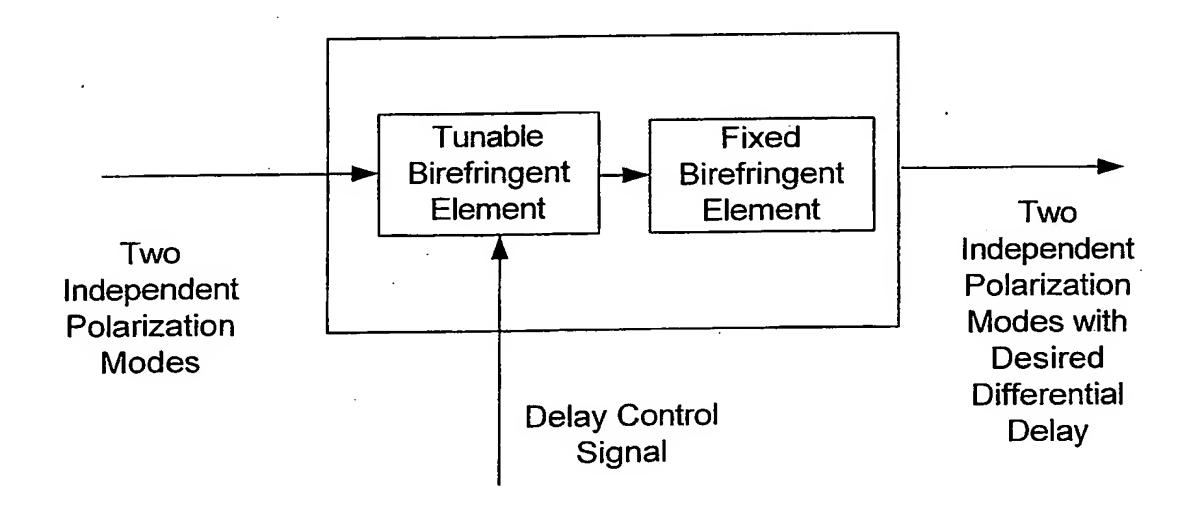


FIG. 12B

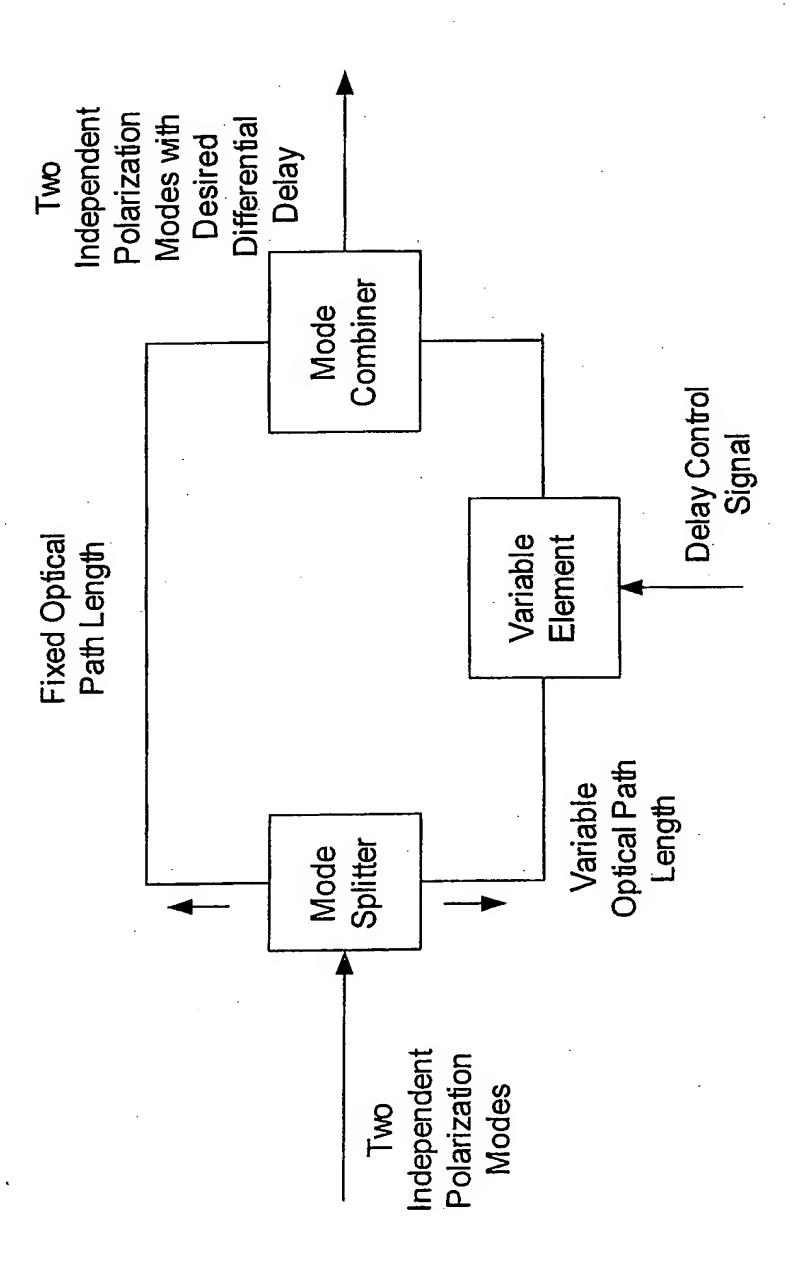


FIG. 13A

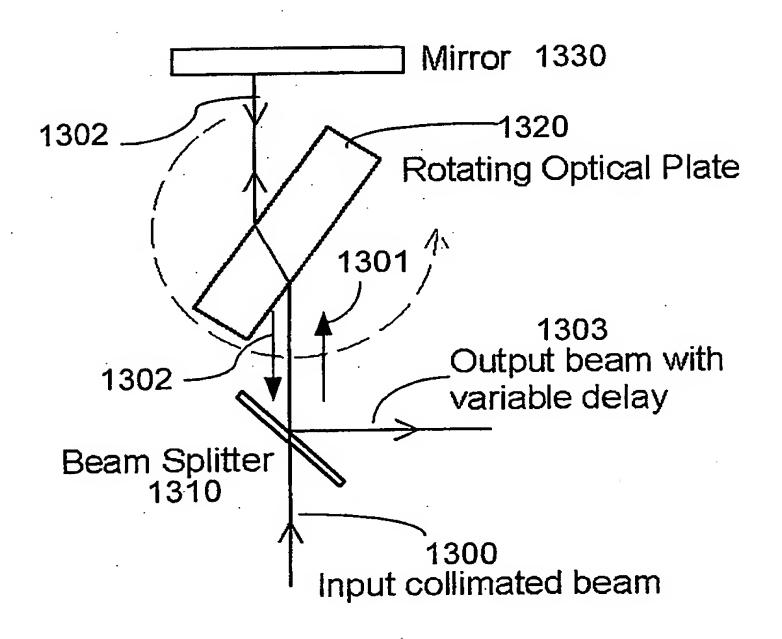
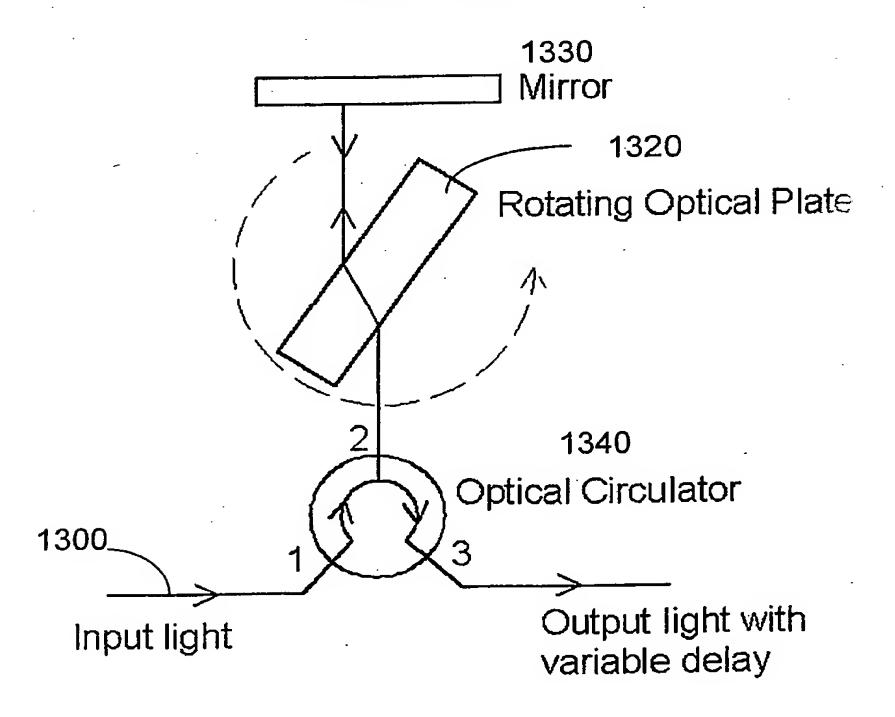
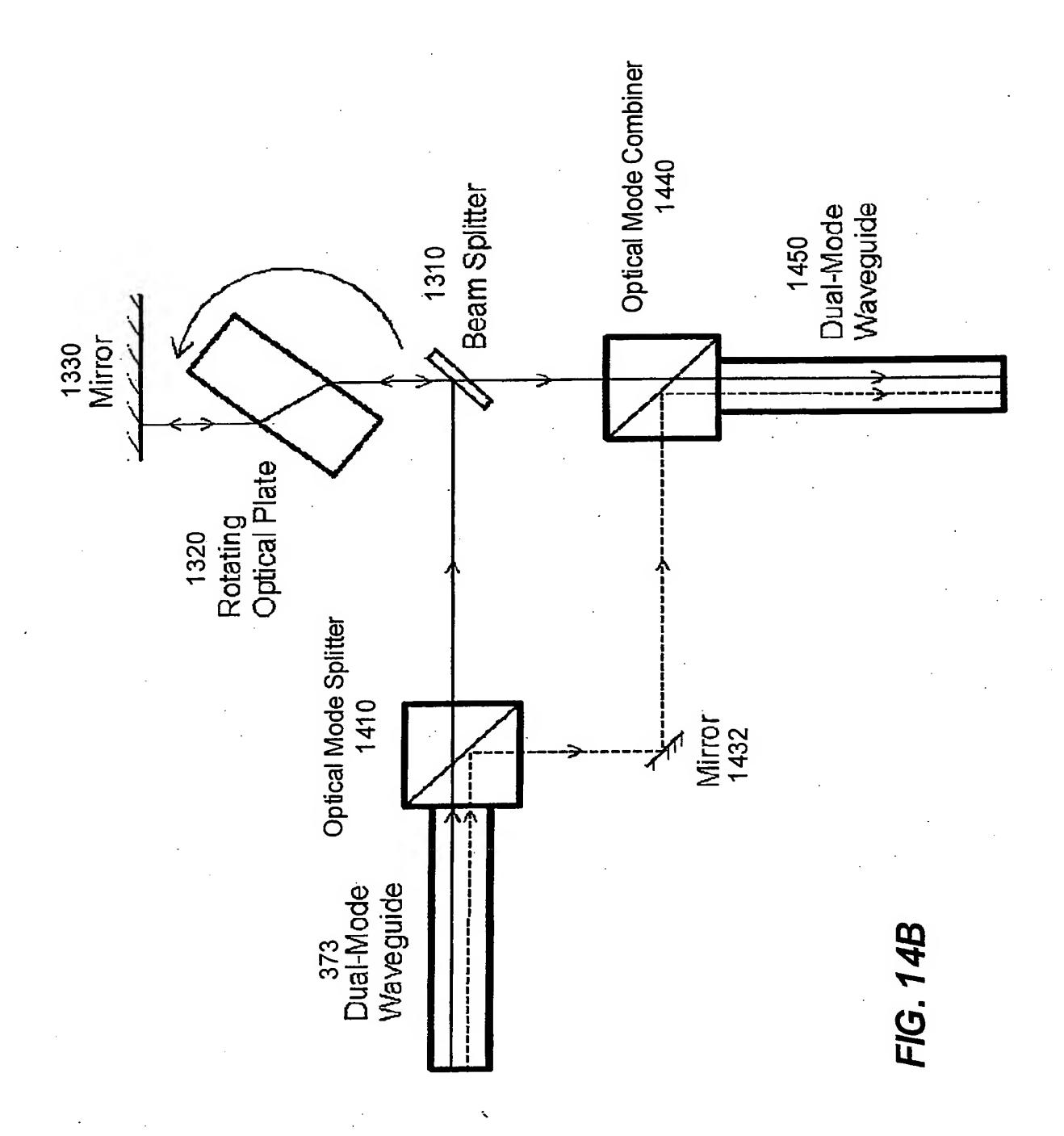


FIG. 13B



Optical Mode Combiner 1440 1432 Mirror 1450 Dual-Mode Waveguide Variable optical delay line 1420 IG. 14A Optical Mode Splitter 1410 Mirror 1431 Dual-Mode Waveguide



19/24

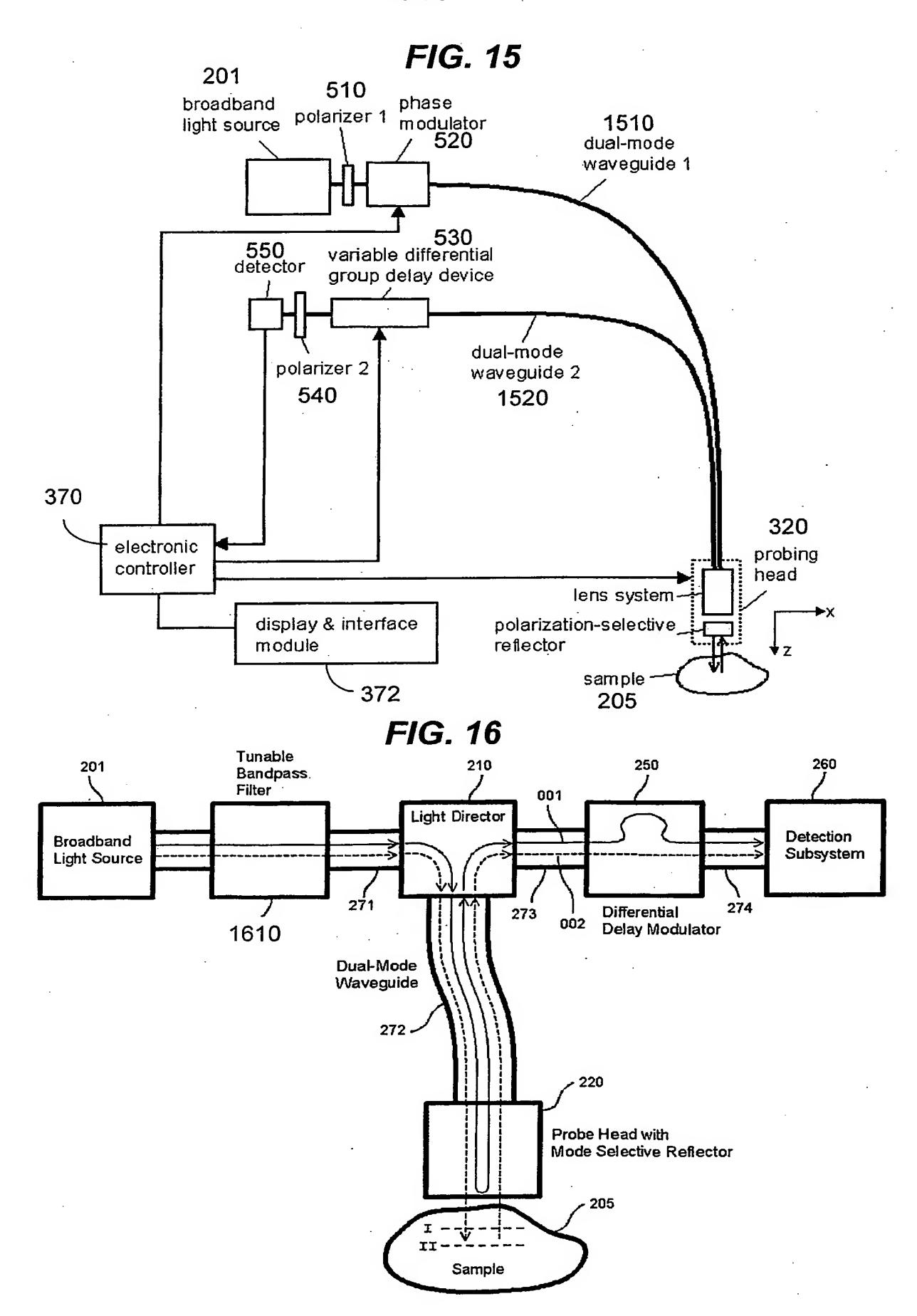


FIG. 17

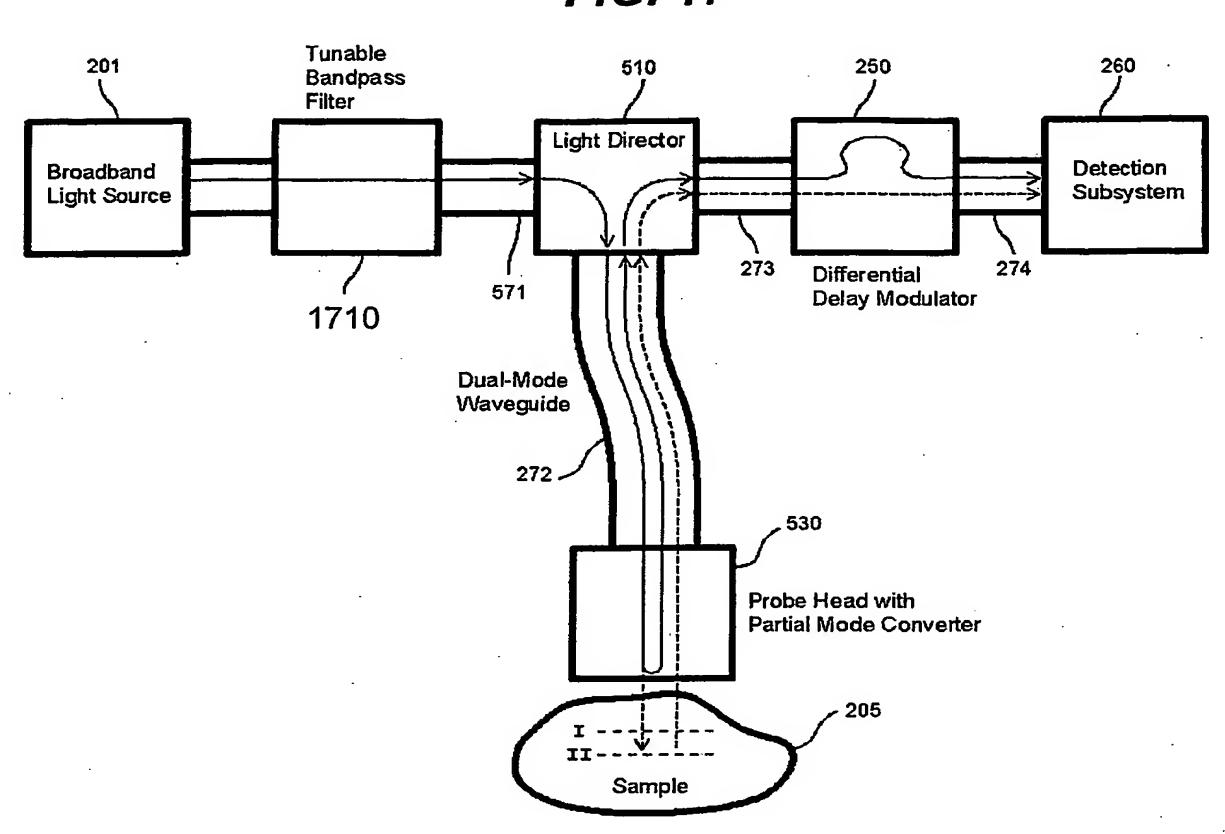
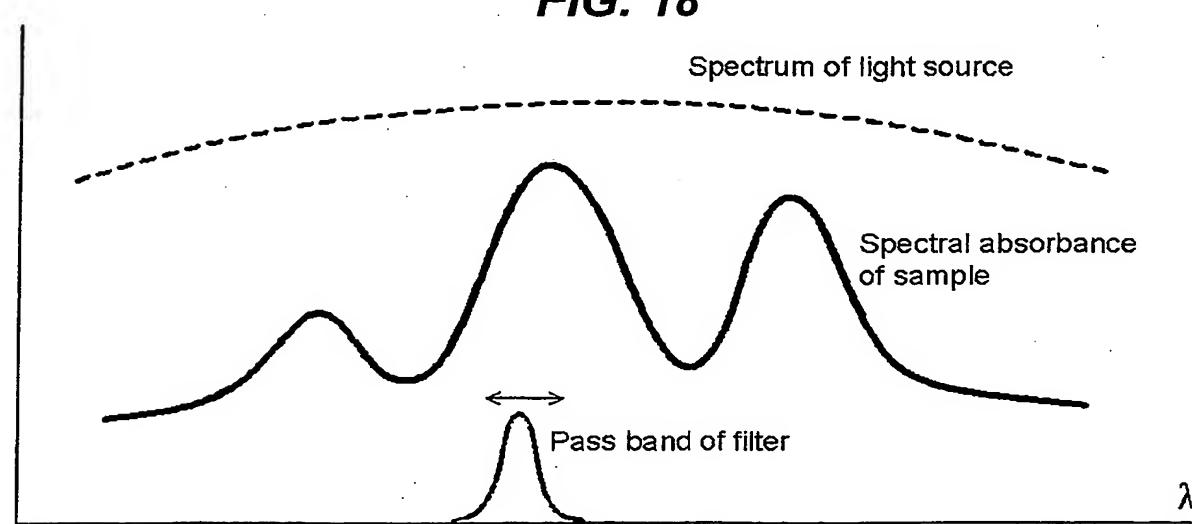


FIG. 18



21/24 FIG. 19A

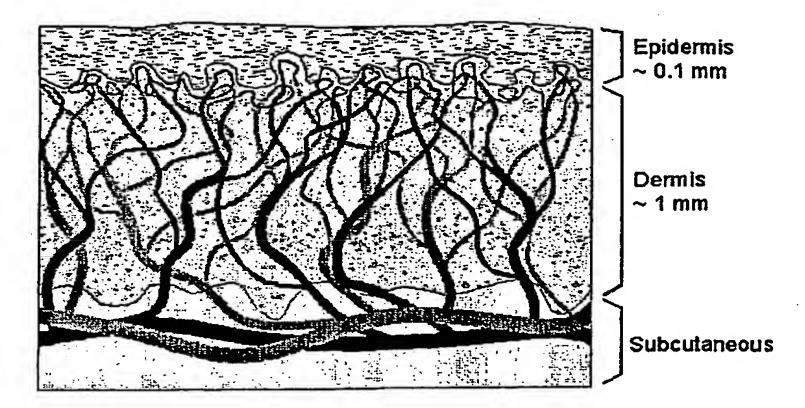
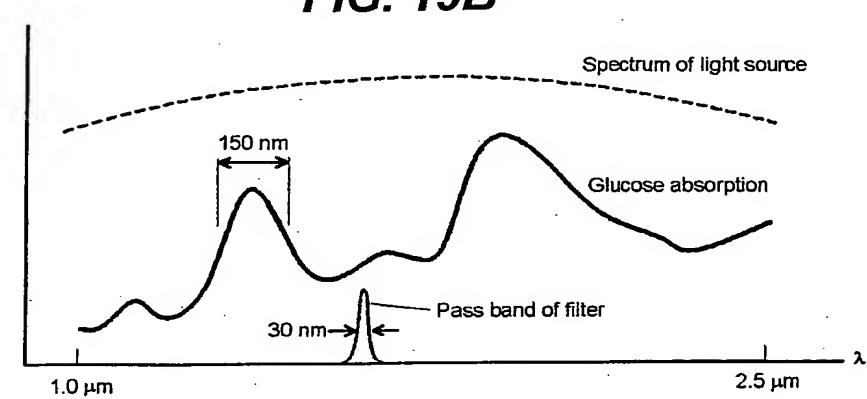
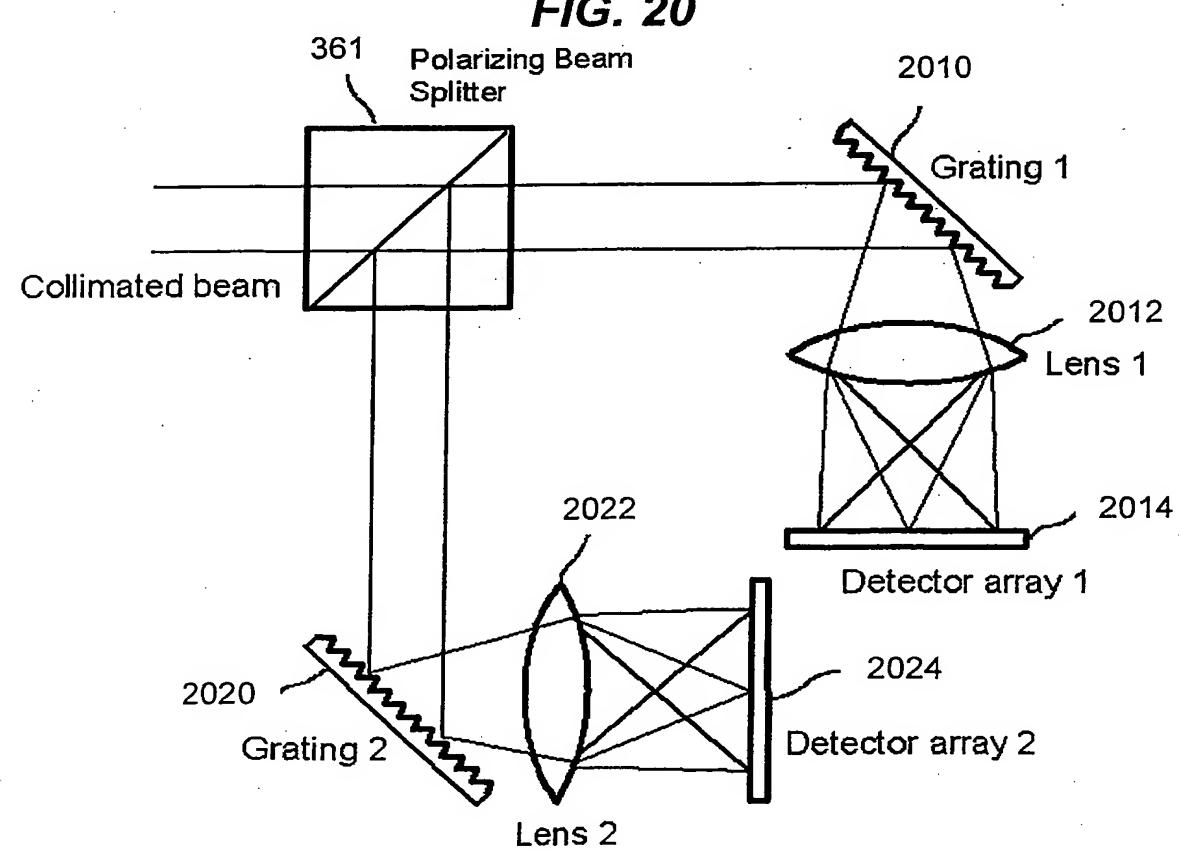
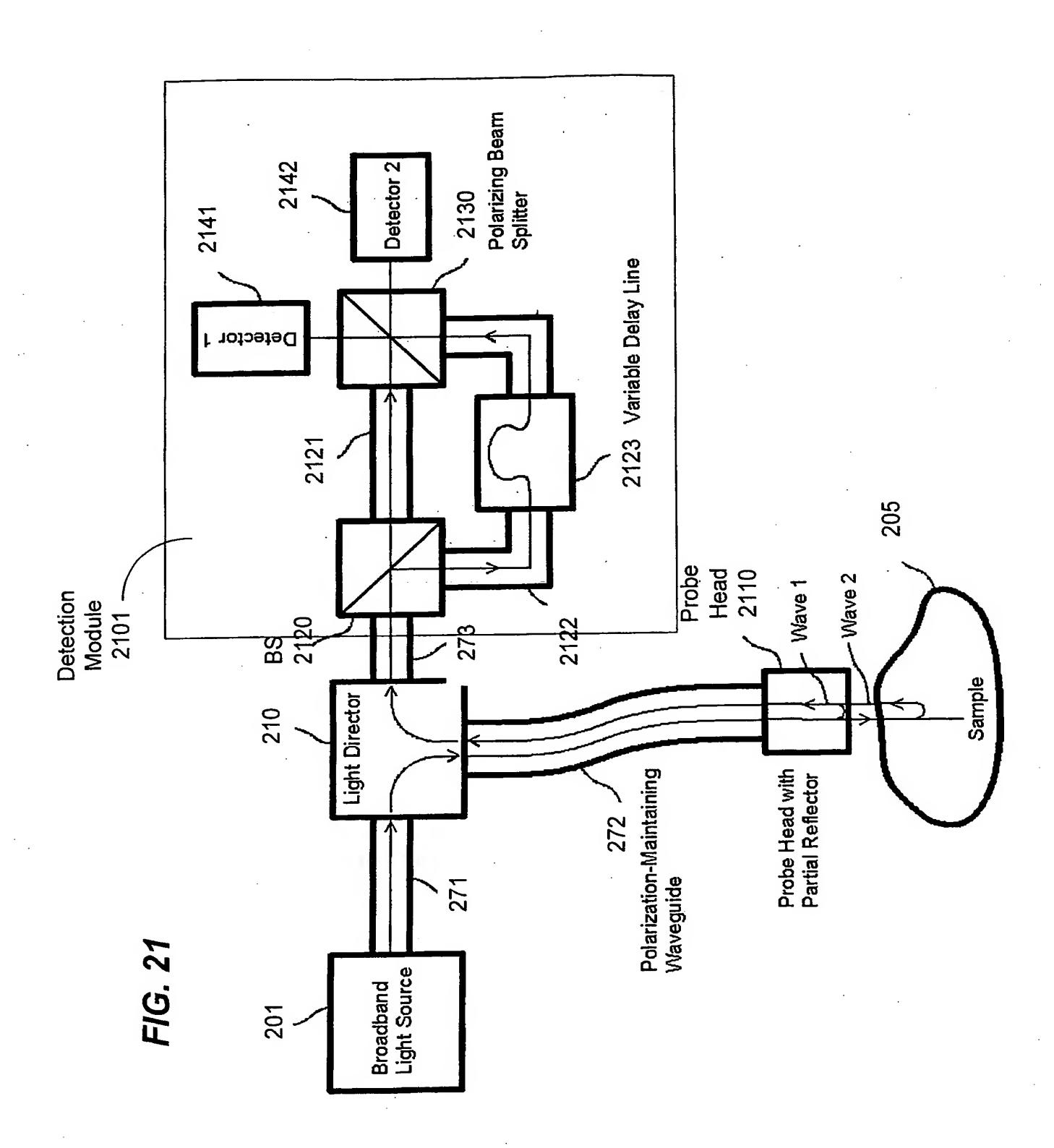


FIG. 19B





22/24



23/24

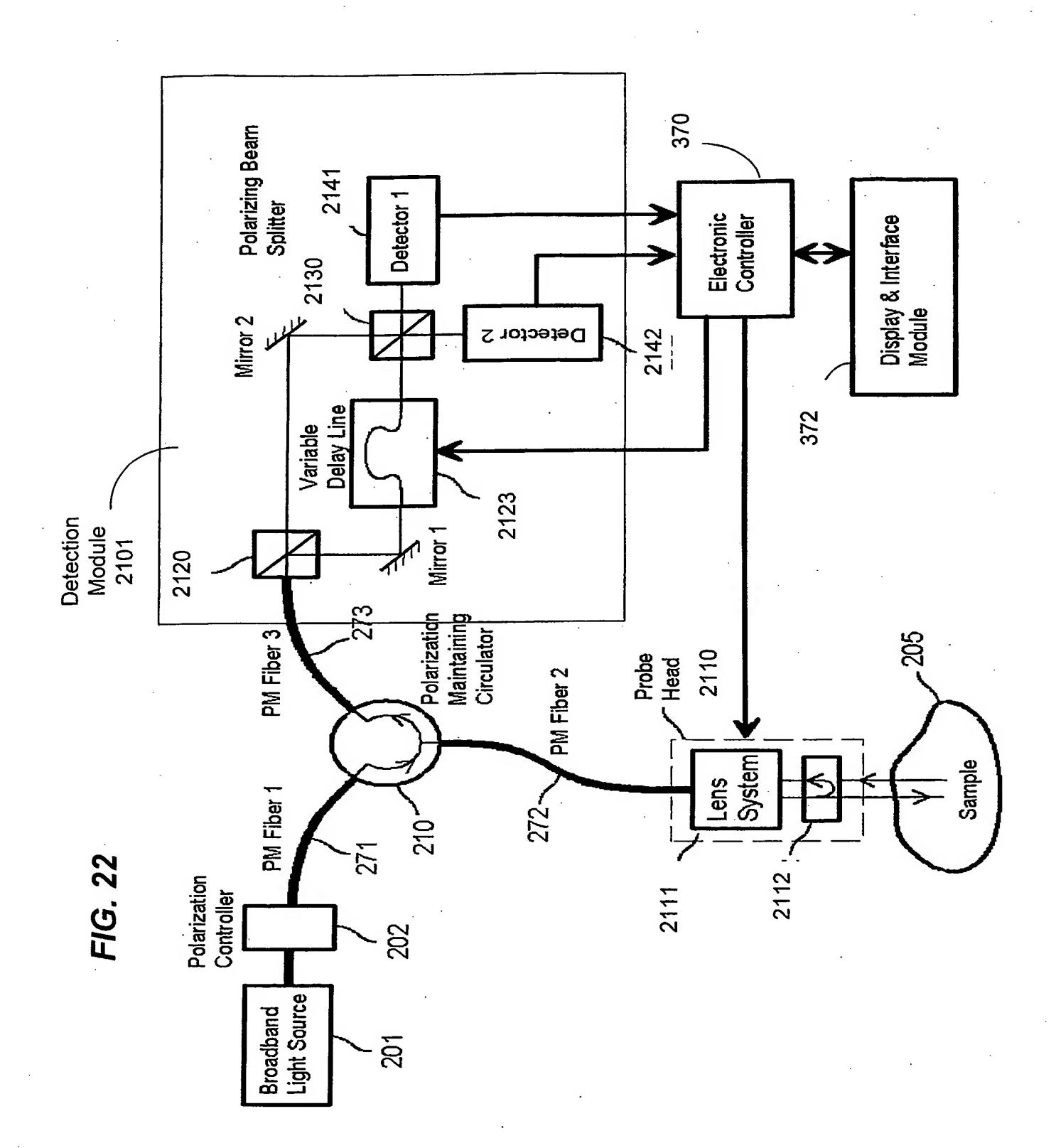


FIG. 23

